

Monitoring Well Program

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DEH-LWQ

Site Assessment and Mitigation Program

History

- Monitoring wells prior to June 1986 were issued by our Land Use Program with only a few companies complying.
- The current MWP began in June 1986
- Since June 1986 approximately 13,800 permits have been issued.
- These permits covered:
 - 20,436 Monitoring Wells
 - 29,694 Borings
 - 3,572 Vapor Wells
 - 311 Air Sparge Wells
 - 7,942 Well Destructions
 - 410 Cathodic Protections Wells* (Since 2002)
 - 55 Slope Inclometers

Well Permitting Issues

- For the last 5 years the program goal is to process all permits within 10 working days.
 - 2001 – 57% in 10 days, 92% in 20 days
 - 2002 – 69% in 10 days, 95% in 20 days
 - 2003 – 75% in 10 days, 92% in 20 days
 - 2004 – 74% in 10 days, 96% in 20 days
 - 2005 – 76% in 10 days, 89% in 20 days
- 90% of permits taking longer than 10 days are due to incomplete applications.

Well Permitting Issues

(continued)

Major issues that prevent the processing of permits:

- Incomplete applications
- Inconsistent information in the applications and incorrect fees
- Proposing work inconsistent with the well standards.
- Repeated requests to have permits processes in a time less than the 10 working days.

Well Log Issues

Year	Permits Issued	Logs Submitted		
		On time	1st Notice (Permits)	2nd Notice (Permits)
2001	731	60%	294	147
2002	764	72%	212	177
2003	876	67%	287	176
2004	883	71%	253	63
2005	868	84%	141	40

Well Log Issues

(continued)

- 16 % of the permits issued in 2005 required past due notices to issued.
- 37% of log submittals are missing key information.
 - Proper licensed professional signatures on documents.
 - Quantities of materials used
 - Site Map showing as-build locations
 - As-build construction information

Field Observations

The Good, the Bad and the Ugly



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Well Maintenance Permits

- On July 1, 2003 County Code was modified to incorporate the requirement for Monitoring Wells to be under a Monitoring Well Maintenance (MWM) Permit.
- Since July 1, 2003 all new wells have been automatically enrolled in this permit system.

Well Maintenance Permits

(continued)

- In the next 6-months renewals for these permits will be sent to the well owners of record for those wells permitted and installed between July 1, 2003 and December 31, 2003.
- These permits are annual permits that are to be renewed every three years.
- The permit fee include a base fee with an additional charge for each additional well.

Well Maintenance Permits

(continued)

- The permit is issued generally by individual parcel or by a project defined by a SAM Case, RWQCB Case or DTSC Case.
- Fees: \$100 for first well and \$30 for each additional well.
- Wells installed prior to July 1, 2003 will be folded into the MWM permits over the next 5 years using the following priority:
 - Wells installed not related to a SAM, RWQCB or DTSC case and
 - Wells installed in conjunction with a SAM, RWQCB or DTSC case.

Well Maintenance Permits

(continued)

- Permit conditions will establish minimum maintenance requirements:
 - Surface security structure
 - Proper drainage
 - Proper labeling of wells
- DEH will complete a minimum of one inspection under the permit during the permitting period.